

NOTICE TO READER

Please retain your copy of this draft RMP/KIS for future reference. The final document may be published in an abbreviated form, including only corrections and/or additions to this draft and public comments with BLM responses.



REFER TO: 1601

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Shoshone District P.O. Box 2B Shoshone, Idaho 83352

April 30, 1984

Enclosed is a copy of the draft Monument Resource Management Plan/Environmental Impact Statement (RMP/EIS) for your review and comment. This document presents four alternative plans, and one sub-alternative, for managing the public lands in the Monument Planning Area. These alternatives are designed to resolve the planning issues identified earlier with the help of you, the public. I invite you to help us develop a plan by commenting on this draft.

Comments on the RMP/EIS should be sent to Ervin Cowley, Project Manager, Bureau of Land Management, P. O. Box 2 B, Shoshone, Idaho 83352. Comments should be received at this address by August 9, 1984.

For those who would like to present testimony on the draft RMP/EIS, a formal public hearing will be held in Shoshone on June 20, 1984. More information about the hearing is attached to this letter.

All comments received by August 9, 1984, and testimony received at the hearing will be considered in preparation of the final RMP/EIS. The proposed plan presented in the final RMP/EIS may be one of the alternatives included in the draft, or a modification of one of the alternatives. Your comments will help us choose a plan for managing your public lands.

Sincerely.

Charles J. Haszier District Manager

alcules 6. Brancesc

Attachments

Monument Draft RMP/EIS Hearing Registration Form Public Hearing Information

ERRATA: Map F-7 in Appendix F of the draft is incorrect. The corrected Map F-7 is attached to this letter.

MONUMENT RMP PUBLIC HEARING INFORMATION

Location and Time

June 20, 1984 at 7:30 p.m. MDT Lincoln Elementary School 210 West 4th Shoshone, Idaho

Purpose

The hearing will allow individuals to present testimony on the draft Monument RMP/EIS. The hearing is required for the wilderness recommendations in the document, but testimony on the adequacy of the draft RMP/EIS as encouraged. Testimony presented at the hearing will be used, along with other comments received during the public comment period, in the preparation of the final RMP/EIS.

Hearing Procedures

The public hearing proceedings will be conducted by a hearing leader. The hearing leader, or BLM personnel recognized by the leader, may question witnesses for the purpose of clarifying points in the testimony. All proceedings of the hearing will be recorded for use in preparation of the final RMP/EIS.

Oral Statements

Oral testimony will be limited to 10 minutes per speaker. Those wishing to testify should complete the attached registration form and return it to the Shoshone District BLM by June 15, 1984. Participants may also register to speak at the registration desk at the hearing. Speakers will be called in the order that registrations are received. After the last witness has testified, the hearing leader will consider the request of any other person present wishing to testify. Anyone may testify as a private citizen, but only one witness will be allowed to represent the views of an organization.

Written Statements

Written statements intended to supplement oral testimony may be submitted during the hearing. Of course, the Shoshone District will accept written statements at any time during the public comment period ending August 9, 1984 regardless of whether oral testinomy is received at the hearing.

General

Witnesses must direct their testimony to the contents of the document and to specific aspects of the alternatives and environmental analysis.

MONUMENT RMP

PUBLIC HEARING REGISTRATION FORM

If you would like to testify at the public hearing on the draft Monument RMP/EIS, please complete this form and mail it to the following address by June 15, 1984.

Ervin Cowley, Project Manager Bureau of Land Management P. O. Box 2 B Shoshone, ID 83352

(Please Print)

Name		
Street		
City	State	Zip Code
Representing		
I wish to appear at the Shoshone on June 20, 198	public hearing at Lincoln 4, to express my views.	Elementary School in
I intend to submit writt	en documentation. () Ye	s () No
	Signature	

MONUMENT RESOURCE MANAGEMENT PLAN and ENVIRONMENTAL IMPACT STATEMENT

(DRAFT)

Blaine, Butte, Gooding, Jerome, Lincoln, Minidoka, and Power Counties
State of Idaho

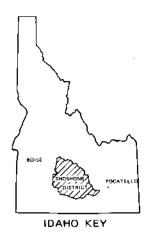
Prepared by
Department of the Interior
Bureau of Land Management
Shoshone District

State Director, Idaho

This draft resource management plan and environmental impact statement describes and analyzes four alternative plans (and one sub-alternative) for managing 1,178,989 acres of public land in the Monument and Bennett Hills resource areas in the Shoshone District. Alternative A would continue present management. Alternative B would favor higher livestock stocking levels. more range improvements, agricultural development, and transfer of isolated or difficult to manage parcels out of Federal ownership. Alternative C, the Preferred Alternative, would pursue a balanced approach to multiple use, allowing production and use of commodity resources and commercial use authorization while protecting fragile resources and wildlife habitat, preserving natural systems and cultural values, and allowing for nonconsumptive resource uses. Alternative D would favor habitat management to increase wildlife populations, protection of cultural resources, protection of wilderness qualities, and opportunities for general dispersed recreation. Sub-Alternative D would be the same as Alternative D except that there would be no livestock grazing.

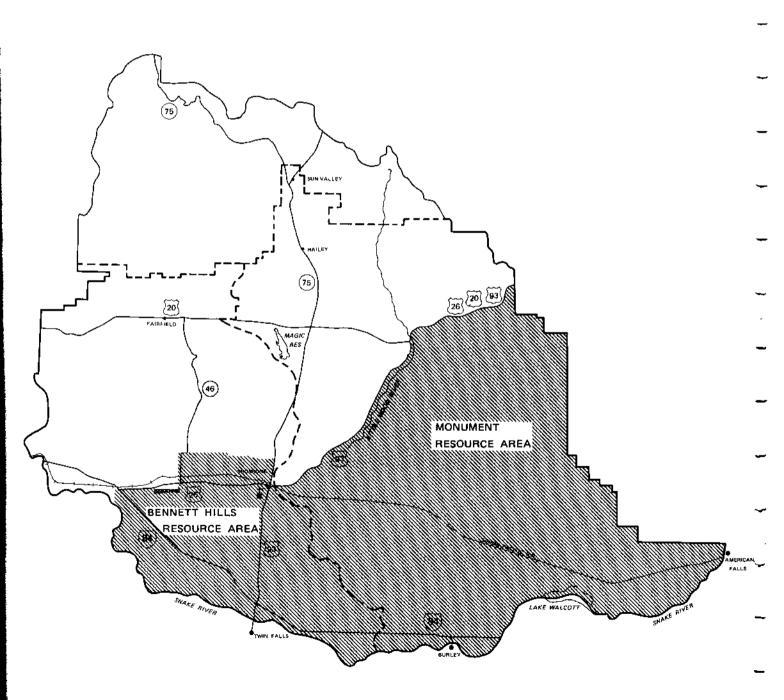
For further information contact Ervin Cowley, Project Manager Bureau of Land Management, P. O. Box 2 B, Shoshone, Idaho 83352 Telephone (208) 886-2206

Comments should be submitted to the above address by



MONUMENT RMP LOCATION MAP

--- SHOSHONE DISTRICT
--- RESOURCE AREA BOUNDARIES
MONUMENT PLANNING AREA



SUMMARY

The Monument Resource Management Plan (RMP) is being prepared to provide the Bureau of Land Management, Shoshone District Office with a comprehensive framework for managing 1,178,989 acres of BLM-administered public land in the Monument Planning Area (see facing map) over the next 15 to 20 years. With increasing demands for various resources, prudent stewardship of the public lands simply can no longer be accomplished without comprehensive land use planning. This document includes a draft environmental impact statement (EIS) which addresses a BLM-preferred RMP, three alternative RMPs, and one sub-alternative. Each of the alternatives reflects key public land issues identified through public participation. The Preferred Alternative reflects BLM's effort to resolve resource conflicts and ensure that the public lands are managed in accordance with principles of multiple use and sustained yield.

<u>Issues</u>

The following planning issues were identified through public participation for the Monument Planning Area.

Lands - Retention or Disposal

- Which lands should be made available for agricultural development?
- 2. Should lands with severe erosion hazards in the Lake Walcott area be developed for agriculture?
- 3. Which lands should be retained for livestock movement purposes between allotments?
- 4. Should isolated parcels of public lands in agricultural areas be retained for wildlife habitat values?
- 5. Which lands should be available for private and State exchanges?
- 6. What access should be provided to public lands?

Wilderness

1. Which wilderness study areas should be recommended suitable for wilderness designation?

Livestock Grazing

- What is the current carrying capacity of allotments for livestock grazing?
- 2. Which allotments will have intensive management through the development of allotment management plans or coordinated resource management plans?
- 3. Will conversions from sheep AUMs to cattle AUMs be allowed and what will be the rate of conversion?
- 4. What seasons of use for livestock grazing will be allowed?
- 5. Are there areas where there should be no livestock grazing?

Range Improvements

- 1. How much brush control and seeding will be completed?
- 2. What will be the constraints on brush control and seeding?
- 3. What other improvements are needed to improve livestock management?

Fire Management

- How can the size and frequency of wildfires be reduced to lessen impacts on wildlife habitat, soil erosion, and livestock grazing?
- 2. How will prescribed fire be used?

Soil Erosion

- Will agricultural development cause accelerated wind erosion in the fragile soils in the Lake Walcott area?
- 2. Will resource uses cause accelerated erosion in the future on erosion-susceptible areas?

Wildlife Habitat Management

- 1. Which public lands should be retained and managed for terrestrial wildlife habitat?
- 2. What actions will be taken to manage wildlife habitat?
- 3. What riparian areas should be protected?
- 4. How should habitat for sensitive, threatened and endangered, and candidate wildlife and plant species be managed?

Minerals

- Which areas should be retained to provide mineral materials (sand, gravel, cinders, and top soil) for private and local and State government use?
- 2. Which areas should be retained because of locatable mineral values?
- 3. Should there be restrictions on oil, gas, and geothermal activities?

Lands for Local and State Government and Other Needs

- Which lands should be made available for local government needs such as land fills, parks, and flood control?
- Should the National Guard be allowed to use areas for military training?
- 3. Should other uses be allowed, such as hydro-power plants, roads, and powerlines?

Off-Road Vehicles (ORVs)

- 1. Should off-road vehicles be allowed to use the erosion-susceptible areas in the Lake Walcott area?
- 2. Should any areas be closed to ORV use?
- 3. Should specific ORV use areas be designated and/or developed?

Recreation

- Should areas be designated for intensive recreation use?
- What unique areas should be protected?

Cultural and Historic Values

1. Should areas be closed or restricted to other uses to protect cultural resources?

Alternatives

The four alternative plans addressed in this document each address the planning issues in a different way.

Alternative A

The "No Action" alternative would continue present management direction. Most of the Monument Planning Area is not currently covered by an approved land use plan. Therefore, resource use levels for Alternative A were established by examining recent use levels and projected trends. Management direction for a portion of the southwest corner of the planning area would be provided by the existing Canyon Management Framework Plan (MFP). This MFP covers less than 3 percent of the BLM-administered public land in the planning area.

Resource use levels would generally remain the same as present levels in Alternative A. For example, livestock grazing levels would remain at present average actual use levels. No conversions from sheep use to cattle use would be allowed except where specifically addressed in an existing AMP. The number of Isolated Tracts managed for wildlife would stay at present levels.

Minor changes from the present could occur in Alternative A. Management actions required to implement an existing activity plan could be accomplished. New uses, such as communications sites, rights-of-way, and landfills could occur subject to environmental review.

Alternative B

This alternative would favor production and use of commodity resources and commercial use authorization. Management direction would favor higher livestock stocking levels, more range improvements, land disposal for agricultural development, and transfer of isolated or difficult to manage parcels out of Federal ownership. Restrictions on mining, mineral leasing, mineral material removal, and off-road vehicle use would be minimized.

Alternative C

This is BLM's Preferred Alternative. A variety of resource uses would be allowed. Production and use of commodity resources and commercial use authorization would occur, while protecting fragile resources and wildlife habitat, preserving natural systems and cultural values, and allowing for nonconsumptive resource uses. A balanced approach to multiple use would be pursued. Resource use levels would be within the range set by Alternatives B and D.

Alternative D

In this alternative, protection of fragile resources and wildlife habitat, preservation of natural systems and cultural values, and nonconsumptive resource uses would be favored. Management direction would favor habitat management to increase wildlife populations, protection of cultural resources, protection of wilderness qualities, and opportunities for general dispersed recreation.

Sub-Alternative D

Proposed resource uses in Sub-Alternative D would be the same as for Alternative D in all respects except there would be no livestock grazing. Therefore, no grazing preference would be proposed and no range improvements would be accomplished.

Alternative C is BLM's Preferred Alternative for the Monument RMP. The Preferred Alternative would allow for agricultural development, livestock grazing, range improvements, mineral exploration and development, and ORV use, but at levels that would protect other important resources. The highest quality wilderness study areas would be recommended suitable for designation. Sensitive, threatened and endangered, and candidate species would benefit as would upland game birds. Big game and non-game species populations would decline, but only slightly. Recreation use would continue to increase. Important natural history resources would be preserved. ORV restrictions would benefit cultural resources, soils, and scenic values. Measures to limit wildfire would benefit soils and wildlife. Soil erosion would be at tolerable levels. The Preferred Alternative would also benefit the local economy significantly.

TABLE OF CONTENTS

CHAPTER 1 INTRODUCTION

Purpose and Need	1-1
	1-2
	L-2
	L-5
	L- 5
	L- 5
and the same of th	l – 5
	l6
	L-6
	l-6
_	6
	i-7
_ • · · · · · · · · · · · · · · · · · ·	L-7
	-7
	7
	8
	8
	8
	-9
	9
	-9
	-9
	-10
· · · · -	-10
	-10
	-10
	-10
	-11
Selective Management	-1.1
Relationship Between the Preferred Alternative and the Plans,	
Programs, and Policies of Other Federal Agencies, the State	
	-12
b. b. b	-13
	-13
	_14
	-14
	-1
	_19
	1
	16
	-10 -16
	16
	17
	-17
	17

Lands for Local and State Governments and Other Needs Rationale	Rationale	1-18
Off-Road Vehicles (ORVs) 1-19	Lands for Local and State Governments and Other Needs	1-18
Rationale 1-19		1-19
Recreation		1-19
Recreation	Rationale	1-19
Cultural Resources 1-20 Rationale 1-20 Rationale 1-20 Rationale 1-20 Rationale 1-20 Rationale 1-21	Recreation	1-19
Rationale 1-20 1-20 Rationale 1-20 Rationale 1-20 Rationale 1-21 1-21		1-20
Special Designations 1-20 Rationale 1-21 Rationale 1-21 1-21		
Rationale		
### CHAPTER 2 ALTERNATIVES ALTERNATIVES		1-20
Resource Management Guidelines	Rationale	1-21
Resource Management Guidelines		
Resource Management Guidelines 2-1 Air Quality 2-1 Allowable Uses 2-1 Areas of Critical Environmental Concern 2-2 Coordination With Other Agencies, State and Local 2-2 Governments, and Indian Tribes 2-2 Cultural Resources 2-2 Detailed Management Plans 2-3 Economic and Social Considerations 2-3 Environmental Reviews 2-3 Fish and Wildlife 2-3 Geology, Energy, and Minerals 2-4 Geology, Energy, and Minerals Management 2-4 Location of Mining Claims 2-4 Leasing and Sale 2-4 Lead Tenure Adjustment 2-4 Motorized Vehicle Access and Use 2-5 Public Utilities 2-5 Rangeland Management 2-6 Grazing Preference 2-6 Range Improvements, Grazing Systems, Other Range Management 2-7 Practices 2-7 Recreation Management 2-7 Recreation Facilities 2-7 Watershed 2-7 Watershed Management 2-8<		
Air Quality 2-1 Allowable Uses 2-1 Areas of Critical Environmental Concern 2-2 Coordination With Other Agencies, State and Local 2-2 Governments, and Indian Tribes 2-2 Cultural Resources 2-2 Detailed Management Plans 2-3 Economic and Social Considerations 2-3 Environmental Reviews 2-3 Fish and Wildlife 2-3 Geology, Energy, and Minerals 2-4 Location of Mining Claims 2-4 Leasing and Sale 2-4 Location of Mining Claims 2-4 Leasing and Sale 2-4 Motorized Vehicle Access and Use 2-5 Public Utilities 2-5 Rangeland Management 2-6 Grazing Preference 2-6 Range Improvements, Grazing Systems, Other Range Management 2-7 Recreation 2-7 Recreation Management 2-7 Watershed 2-7 Watershed Management 2-7 Water Improvements 2-8 Water Rights 2-8 Water R	ALTERNATIVES	
Allowable Uses		2-1
Areas of Critical Environmental Concern Coordination With Other Agencies, State and Local Governments, and Indian Tribes 2-2 Cultural Resources 2-2 Detailed Management Plans Economic and Social Considerations Environmental Reviews 2-3 Fish and Wildlife 2-3 Geology, Energy, and Minerals Geology, Energy, and Minerals Management Leasing and Sale Leasing and Sale Land Tenure Adjustment 2-4 Motorized Vehicle Access and Use Grazing Preference Grazing Preference Range Improvements, Grazing Systems, Other Range Management Practices Wild Horses and Burros Recreation Management Recreation Facilities 2-7 Watershed Water Rights Water Rights Preliminary Recommendations to Congress Areas Designated Wilderness 2-8 Areas Designated Wilderness 2-8 Areas Designated Wilderness 2-2 2-2 2-2 2-2 2-2 2-2 2-3 2-2 2-2 2-3 2-2 2-2 2-3 2-3 2-4 2-7 2-7 2-7 2-7 2-7 2-7 2-7		2-1
Coordination With Other Agencies, State and Local Governments, and Indian Tribes 2-2		2-1
Governments, and Indian Tribes 2-2		2-2
Cultural Resources 2-2 Detailed Management Plans 2-3 Bconomic and Social Considerations 2-3 Environmental Reviews 2-3 Fish and Wildlife 2-3 Geology, Energy, and Minerals 2-4 Geology, Energy, and Minerals Management 2-4 Location of Mining Claims 2-4 Leasing and Sale 2-4 Land Tenure Adjustment 2-4 Motorized Vehicle Access and Use 2-5 Public Utilities 2-5 Rangeland Management 2-6 Grazing Preference 2-6 Range Improvements, Grazing Systems, Other Range Management 2-6 Wild Horses and Burros 2-7 Recreation 2-7 Recreation Facilities 2-7 Watershed 2-7 Watershed Management 2-7 Water Improvements 2-8 Water Rights 2-8 Wilderness 2-8 Preliminary Recommendations to Congress 2-8 Areas Designated Wilderness 2-8	-	
Detailed Management Plans 2-3 Economic and Social Considerations 2-3 Environmental Reviews 2-3 Fish and Wildlife 2-3 Geology, Energy, and Minerals 2-4 Geology, Energy, and Minerals Management 2-4 Location of Mining Claims 2-4 Leasing and Sale 2-4 Motorized Vehicle Access and Use 2-5 Public Utilities 2-5 Rangeland Management 2-6 Grazing Preference 2-6 Range Improvements, Grazing Systems, Other Range Management 2-6 Wild Horses and Burros 2-7 Recreation 2-7 Recreation Facilities 2-7 Watershed 2-7 Watershed Management 2-7 Water Improvements 2-8 Water Rights 2-8 Wilderness 2-8 Preliminary Recommendations to Congress 2-8 Areas Designated Wilderness 2-8		2-2
Economic and Social Considerations 2-3		
Environmental Reviews 2-3 Fish and Wildlife 2-3 Geology, Energy, and Minerals 2-4 Geology, Energy, and Minerals Management 2-4 Location of Mining Claims 2-4 Leasing and Sale 2-4 Land Tenure Adjustment 2-4 Motorized Vehicle Access and Use 2-5 Public Utilities 2-5 Rangeland Management 2-6 Grazing Preference 2-6 Range Improvements, Grazing Systems, Other Range Management 2-6 Wild Horses and Burros 2-7 Recreation 2-7 Recreation Management 2-7 Recreation Facilities 2-7 Watershed 2-7 Water Improvements 2-8 Water Rights 2-8 Wilderness 2-8 Preliminary Recommendations to Congress 2-8 Areas Designated Wilderness 2-8		
Fish and Wildlife 2-3 Geology, Energy, and Minerals 2-4 Geology, Rnergy, and Minerals Management 2-4 Location of Mining Claims 2-4 Leasing and Sale 2-4 Leaving and Sale 2-4 Motorized Vehicle Access and Use 2-5 Public Utilities 2-5 Rangeland Management 2-6 Grazing Preference 2-6 Range Improvements, Grazing Systems, Other Range Management 2-6 Practices 2-7 Recreation 2-7 Recreation Management 2-7 Recreation Facilities 2-7 Watershed 2-7 Water Improvements 2-8 Water Rights 2-8 Wilderness 2-8 Preliminary Recommendations to Congress 2-8 Areas Designated Wilderness 2-8		
Geology, Energy, and Minerals 2-4 Geology, Energy, and Minerals Management 2-4 Location of Mining Claims 2-4 Leasing and Sale 2-4 Land Tenure Adjustment 2-4 Motorized Vehicle Access and Use 2-5 Public Utilities 2-5 Rangeland Management 2-6 Grazing Preference 2-6 Range Improvements, Grazing Systems, Other Range Management 2-6 Practices 2-7 Recreation 2-7 Recreation Management 2-7 Recreation Facilities 2-7 Watershed 2-7 Water Improvements 2-8 Water Rights 2-8 Wilderness 2-8 Areas Designated Wilderness 2-8		
Geology, Energy, and Minerals Management		
Location of Mining Claims 2-4		
Leasing and Sale 2-4 Land Tenure Adjustment 2-4 Motorized Vehicle Access and Use 2-5 Public Utilities 2-5 Rangeland Management 2-6 Grazing Preference 2-6 Range Improvements, Grazing Systems, Other Range Management 2-6 Practices 2-7 Recreation 2-7 Recreation Management 2-7 Recreation Facilities 2-7 Watershed Management 2-7 Water Improvements 2-8 Water Rights 2-8 Wilderness 2-8 Areas Designated Wilderness 2-8		
Land Tenure Adjustment 2-4 Motorized Vehicle Access and Use 2-5 Public Utilities 2-5 Rangeland Management 2-6 Grazing Preference 2-6 Range Improvements, Grazing Systems, Other Range Management 2-6 Wild Horses and Burros 2-7 Recreation 2-7 Recreation Management 2-7 Recreation Facilities 2-7 Watershed 2-7 Water Improvements 2-8 Water Rights 2-8 Preliminary Recommendations to Congress 2-8 Areas Designated Wilderness 2-8		
Motorized Vehicle Access and Use 2-5 Public Utilities 2-5 Rangeland Management 2-6 Grazing Preference 2-6 Range Improvements, Grazing Systems, Other Range Management 2-6 Practices 2-7 Wild Horses and Burros 2-7 Recreation 2-7 Recreation Management 2-7 Recreation Facilities 2-7 Watershed 2-7 Water Improvements 2-8 Water Rights 2-8 Preliminary Recommendations to Congress 2-8 Areas Designated Wilderness 2-8		
Public Utilities 2-5 Rangeland Management 2-6 Grazing Preference 2-6 Range Improvements, Grazing Systems, Other Range Management 2-6 Wild Horses and Burros 2-7 Recreation 2-7 Recreation Management 2-7 Recreation Facilities 2-7 Watershed 2-7 Water Improvements 2-8 Water Rights 2-8 Preliminary Recommendations to Congress 2-8 Areas Designated Wilderness 2-8		
Rangeland Management 2-6 Grazing Preference 2-6 Range Improvements, Grazing Systems, Other Range Management 2-6 Practices 2-7 Wild Horses and Burros 2-7 Recreation 2-7 Recreation Management 2-7 Recreation Facilities 2-7 Watershed 2-7 Water Management 2-7 Water Improvements 2-8 Water Rights 2-8 Wilderness 2-8 Preliminary Recommendations to Congress 2-8 Areas Designated Wilderness 2-8		
Grazing Preference		
Range Improvements, Grazing Systems, Other Range Management 2-6 Practices 2-6 Wild Horses and Burros 2-7 Recreation 2-7 Recreation Management 2-7 Recreation Facilities 2-7 Watershed 2-7 Water Management 2-7 Water Improvements 2-8 Water Rights 2-8 Preliminary Recommendations to Congress 2-8 Areas Designated Wilderness 2-8		
Practices 2-6 Wild Horses and Burros 2-7 Recreation 2-7 Recreation Management 2-7 Recreation Facilities 2-7 Watershed 2-7 Water Improvements 2-8 Water Rights 2-8 Wilderness 2-8 Preliminary Recommendations to Congress 2-8 Areas Designated Wilderness 2-8		2-6
Wild Horses and Burros 2-7 Recreation 2-7 Recreation Management 2-7 Recreation Facilities 2-7 Watershed 2-7 Water Improvements 2-8 Water Rights 2-8 Wilderness 2-8 Preliminary Recommendations to Congress 2-8 Areas Designated Wilderness 2-8		
Recreation 2-7 Recreation Management 2-7 Recreation Facilities 2-7 Watershed 2-7 Water Improvements 2-8 Water Rights 2-8 Wilderness 2-8 Preliminary Recommendations to Congress 2-8 Areas Designated Wilderness 2-8		
Recreation Management 2-7 Recreation Facilities 2-7 Watershed 2-7 Water Shed Management 2-7 Water Improvements 2-8 Water Rights 2-8 Wilderness 2-8 Preliminary Recommendations to Congress 2-8 Areas Designated Wilderness 2-8	·	_
Recreation Facilities 2-7 Watershed 2-7 Watershed Management 2-7 Water Improvements 2-8 Water Rights 2-8 Wilderness 2-8 Preliminary Recommendations to Congress 2-8 Areas Designated Wilderness 2-8		-
Watershed 2-7 Watershed Management 2-7 Water Improvements 2-8 Water Rights 2-8 Wilderness 2-8 Preliminary Recommendations to Congress 2-8 Areas Designated Wilderness 2-8		
Watershed Management 2-7 Water Improvements 2-8 Water Rights 2-8 Wilderness 2-8 Preliminary Recommendations to Congress 2-8 Areas Designated Wilderness 2-8		
Water Improvements 2-8 Water Rights 2-8 Wilderness 2-8 Preliminary Recommendations to Congress 2-8 Areas Designated Wilderness 2-8		_
Water Rights 2-8 Wilderness 2-8 Preliminary Recommendations to Congress 2-8 Areas Designated Wilderness 2-8	_	
Wilderness	•	
Preliminary Recommendations to Congress		
Areas Designated Wilderness		
Areas Not Designated Wilderness		
	Areas Not Designated Wilderness	2-9

Control of Noxious Weeds					. 2-9
General Provisions for Multiple Use and Transfer Areas .					. 2-9
Limited Use Areas					. 2-10
Moderate Use Areas					. 2-10
Intensive Use/Development Areas					. 2-10
Transfer Areas					. 2-11
Alternatives Eliminated From Consideration					. 2-13
Maximum Grazing Alternative					. 2-13
Maximum Preservation/Mitigation Alternative					. 2-11
Alternatives Considered in Detail					. 2-12
Items Included in the Alternative Descriptions					. 2-12
Goals					
Multiple Use and Transfer Areas and Other Resour	ce	üses			. 2-12
Summary of Activity Plans					. 2-13
Items Common to All Alternatives					. 2-13
Description of Alternatives	-				. 2-14
Alternative A	_			•	. 2-14
Alternative B	•	• •	•	•	. 2-18
Alternative C (Preferred Alternative)	•	• •	• •	•	. 2-30
Alternative D					
Sub-Alternative D	•	• •	• •	•	. 2-43
Relationship of Alternatives to National Environmental	•		٠.	•	. 2-34
Policy Act (NEPA) Goals					. 2-54
CHAPTER 3					
AFFECTED ENVIRONMENT					
Introduction					. 3-1
Introduction					. 3-2
Introduction		 			. 3-2 . 3-2
Introduction	:	 	 	•	. 3-2 . 3-2 . 3-3
Introduction		 	 	•	. 3-2 . 3-2 . 3-3
Introduction			· ·	•	. 3-2 . 3-2 . 3-3 . 3-4
Introduction		· · · · · · · · · · · · · · · · · · ·			. 3-2 . 3-2 . 3-3 . 3-4 . 3-5
Introduction					. 3-2 . 3-3 . 3-4 . 3-4 . 3-5
Introduction			· · · · · · · · · · · · · · · · · · ·		. 3-2 . 3-3 . 3-4 . 3-5 . 3-5
Introduction					. 3-2 . 3-3 . 3-4 . 3-5 . 3-5 . 3-5
Introduction Fire Management Fire Ecology Wildlife Bald Eagle (Endangered) Bliss Rapids Snail (Candidate Endangered) Ferruginous Hawk (Candidate Threatened) Swainson's Hawk (Candidate Threatened) Burrowing Owl (Sensitive) Long-Billed Curlew (Sensitive) Shoshone Sculpin (Sensitive)			- · · · · · · · · · · · · · · · · · · ·		. 3-2 . 3-3 . 3-4 . 3-5 . 3-5 . 3-5 . 3-5
Introduction Fire Management Fire Ecology Wildlife Bald Eagle (Endangered) Bliss Rapids Snail (Candidate Endangered) Ferruginous Hawk (Candidate Threatened) Swainson's Hawk (Candidate Threatened) Burrowing Owl (Sensitive) Long-Billed Curlew (Sensitive) Shoshone Sculpin (Sensitive) Ring-Necked Pheasant					. 3-2 . 3-3 . 3-4 . 3-4 . 3-5 . 3-5 . 3-5 . 3-6
Introduction Fire Management Fire Ecology Wildlife Bald Eagle (Endangered) Bliss Rapids Snail (Candidate Endangered) Ferruginous Hawk (Candidate Threatened) Swainson's Hawk (Candidate Threatened) Burrowing Owl (Sensitive) Long-Billed Curlew (Sensitive) Shoshone Sculpin (Sensitive) Ring-Necked Pheasant Gray Partridge (Hungarian Partridge)					. 3-2 . 3-3 . 3-4 . 3-4 . 3-5 . 3-5 . 3-5 . 3-6 . 3-6
Introduction Fire Management Fire Ecology Wildlife Bald Eagle (Endangered) Bliss Rapids Snail (Candidate Endangered) Ferruginous Hawk (Candidate Threatened) Swainson's Hawk (Candidate Threatened) Burrowing Owl (Sensitive) Long-Billed Curlew (Sensitive) Shoshone Sculpin (Sensitive) Ring-Necked Pheasant Gray Partridge (Hungarian Partridge) Sage Grouse					. 3-2 . 3-3 . 3-4 . 3-5 . 3-5 . 3-5 . 3-6 . 3-6 . 3-6
Introduction Fire Management Fire Ecology Wildlife Bald Eagle (Endangered) Bliss Rapids Snail (Candidate Endangered) Ferruginous Hawk (Candidate Threatened) Swainson's Hawk (Candidate Threatened) Burrowing Owl (Sensitive) Long-Billed Curlew (Sensitive) Shoshone Sculpin (Sensitive) Ring-Necked Pheasant Gray Partridge (Hungarian Partridge) Sage Grouse Pronghorn					. 3-2 . 3-3 . 3-4 . 3-5 . 3-5 . 3-5 . 3-6 . 3-6 . 3-6 . 3-6
Introduction Fire Management Fire Ecology Wildlife Bald Eagle (Endangered) Bliss Rapids Snail (Candidate Endangered) Ferruginous Hawk (Candidate Threatened) Swainson's Hawk (Candidate Threatened) Burrowing Owl (Sensitive) Long-Billed Curlew (Sensitive) Shoshone Sculpin (Sensitive) Ring-Necked Pheasant Gray Partridge (Hungarian Partridge) Sage Grouse Pronghorn Mule Deer					. 3-2 . 3-3 . 3-4 . 3-5 . 3-5 . 3-5 . 3-6 . 3-6 . 3-6 . 3-6 . 3-7
Introduction Fire Management Fire Ecology Wildlife Bald Eagle (Endangered) Bliss Rapids Snail (Candidate Endangered) Ferruginous Hawk (Candidate Threatened) Swainson's Hawk (Candidate Threatened) Burrowing Owl (Sensitive) Long-Billed Curlew (Sensitive) Shoshone Sculpin (Sensitive) Ring-Necked Pheasant Gray Partridge (Hungarian Partridge) Sage Grouse Pronghorn Mule Deer Hybrid Cutthroat/Rainbow Trout					. 3-2 . 3-3 . 3-4 . 3-4 . 3-5 . 3-5 . 3-5 . 3-6 . 3-6 . 3-6 . 3-7 . 3-7
Introduction Fire Management Fire Ecology Wildlife Bald Eagle (Endangered) Bliss Rapids Snail (Candidate Endangered) Ferruginous Hawk (Candidate Threatened) Swainson's Hawk (Candidate Threatened) Burrowing Owl (Sensitive) Long-Billed Curlew (Sensitive) Shoshone Sculpin (Sensitive) Ring-Necked Pheasant Gray Partridge (Hungarian Partridge) Sage Grouse Pronghorn Mule Deer Hybrid Cutthroat/Rainbow Trout Non-Game Species					. 3-2 . 3-3 . 3-4 . 3-4 . 3-5 . 3-5 . 3-5 . 3-6 . 3-6 . 3-6 . 3-7 . 3-7 . 3-8
Introduction Fire Management Fire Ecology Wildlife Bald Eagle (Endangered) Bliss Rapids Snail (Candidate Endangered) Ferruginous Hawk (Candidate Threatened) Swainson's Hawk (Candidate Threatened) Burrowing Owl (Sensitive) Long-Billed Curlew (Sensitive) Shoshone Sculpin (Sensitive) Ring-Necked Pheasant Gray Partridge (Hungarian Partridge) Sage Grouse Pronghorn Mule Deer Hybrid Cutthroat/Rainbow Trout Non-Game Species Riparian Habitat					. 3-2 . 3-3 . 3-4 . 3-4 . 3-5 . 3-5 . 3-5 . 3-6 . 3-6 . 3-6 . 3-7 . 3-7 . 3-7 . 3-8 . 3-8
Introduction Fire Management Fire Ecology Wildlife Bald Eagle (Endangered) Bliss Rapids Snail (Candidate Endangered) Ferruginous Hawk (Candidate Threatened) Swainson's Hawk (Candidate Threatened) Burrowing Owl (Sensitive) Long-Billed Curlew (Sensitive) Shoshone Sculpin (Sensitive) Ring-Necked Pheasant Gray Partridge (Hungarian Partridge) Sage Grouse Pronghorn Mule Deer Hybrid Cutthroat/Rainbow Trout Non-Game Species Riparian Habitat Isolated Tracts					. 3-2 . 3-3 . 3-4 . 3-4 . 3-5 . 3-5 . 3-5 . 3-6 . 3-6 . 3-6 . 3-6 . 3-7 . 3-7 . 3-8 . 3-8
Introduction Fire Management Fire Ecology Wildlife Bald Eagle (Endangered) Bliss Rapids Snail (Candidate Endangered) Ferruginous Hawk (Candidate Threatened) Swainson's Hawk (Candidate Threatened) Burrowing Owl (Sensitive) Long-Billed Curlew (Sensitive) Shoshone Sculpin (Sensitive) Ring-Necked Pheasant Gray Partridge (Hungarian Partridge) Sage Grouse Pronghorn Mule Deer Hybrid Cutthroat/Rainbow Trout Non-Game Species Riparian Habitat Isolated Tracts Livestock Forage					. 3-2 . 3-3 . 3-4 . 3-4 . 3-5 . 3-5 . 3-5 . 3-6 . 3-6 . 3-6 . 3-6 . 3-7 . 3-7 . 3-8 . 3-8 . 3-8
Introduction Fire Management Fire Ecology Wildlife Bald Eagle (Endangered) Bliss Rapids Snail (Candidate Endangered) Ferruginous Hawk (Candidate Threatened) Swainson's Hawk (Candidate Threatened) Burrowing Owl (Sensitive) Long-Billed Curlew (Sensitive) Shoshone Sculpin (Sensitive) Ring-Necked Pheasant Gray Partridge (Hungarian Partridge) Sage Grouse Pronghorn Mule Deer Hybrid Cutthroat/Rainbow Trout Non-Game Species Riparian Habitat Isolated Tracts					. 3-2 . 3-3 . 3-4 . 3-4 . 3-5 . 3-5 . 3-5 . 3-6 . 3-6 . 3-6 . 3-6 . 3-7 . 3-7 . 3-8 . 3-8 . 3-8

Lands																13
	ricultural .														. 3-	14
	nd for Local															15
Kı	own Land Exch	ange, Sale	, or	Lane	d Ac	qu:	sit	ion	Pro	pos	als				. 3–2	15
	olated Tracts															16
	esent Use Aut															16
Uı	authorized Us	e													. 3-	18
Wilder	ness														. 3-	18
Sì	ale Butte WSA	(57–2)													. 3-	18
	Size														. 3-	18
	Naturalness														. 3-	19
	Solitude .														. 3-	19
	Primitive R	ecreation .													. 3-	19
	Optional Wi															19
Se	nd Butte WSA	(57-8)													. 3-	19
	Size														. 3-	19
	Naturalness														. 3-	20
	Solitude .														. 3-	20
	Primitive R															20
	Optional Wi															20
Ra	ven's Eye WSA															20
	Size															20
	Naturalness														. 3–2	21
	Solitude .															21
	Primitive R															21
	Optional Wi															21
Li	ttle Deer WSA															22
	Size															
	Naturalness															
	Solitude .															
	Primitive R															
	Optional Wi															
Be	ar Den Butte															
	Size															
	Naturalness															
	Solitude .															
	Primitive R															
	Optional Wi															
Sh	oshone WSA (5															
	Size															
	Naturalness															
	Solitude .															
	Primitive R															
	Optional Wi															
Nature	1 History .															
	al Resources															
	tion															
	creation Oppo															
	tensive Recre															
	tensive Recre															
	sual Quality															
	Angrich		• •				•			•		•	•	•		

Soils										-			. 3-	-30
Soil Erosion														-30
Soil Potentials														-31
Potential													-	-33
Erosion Potential and													-	-32
Minerals and Energy					_									-32
Leasable Minerals													-	-32
Oil and Gas														-32 -32
Geothermal													-	-32 -33
Locatable Minerals														-33 -33
Saleable Minerals														-33 -33
Economic Conditions													-	-33 -34
														-34 -34
													-	-34 -34
Employment													-	_
Multipliers														-35
Construction Industry														-35
Recreation Industry														-35
Crop Agriculture Industry														-3€
Livestock Industry														-3€
Permit Values			•	• •			•	•		•		•	. 3-	-37
CHAPTER 4 ENVIRONMENTAL CONSEQUENCES														
DAVI.	KONE	PMTV	L C	ONSI	auya	MCES	•							
Introduction													A _	-1
Effects of the Alternatives .														-1
Alternative A														_1
Fire Management														-1
Wildlife														-1 -1
Livestock Forage														-1 -3
Lands														-3 -4
Wilderness														-4 -6
														-0 -16
Natural History														-1(-1(
Cultural Resources														-10 -11
Recreation													-	-1, -11
Soils														-11 -11
Minerals and Energy .			•	• •			•	•		•	• •	•	. 4-	
Economic Conditions .														-12
Alternative B														-14
Fire Management														-14
Wildlife														-14
Livestock Forage														-16
Lands														-18
Wilderness														-19
Natural History														-23
Cultural Resources														-23
Recreation													-	-23
Soils													-	-24
Minerals and Energy .			•	• •			•	•		•		•	-	-25
Recommic Conditions														26

Alternative C																			4-28
Fire Management																			4-28
Wildlife																			4-28
Livestock Forage																			4-30
Lands																			4-32
Wilderness																			4-32
Natural History																			4-37
Cultural Resources .																			4-37
Recreation																			4-37
Soils																			4-39
Minerals and Energy																			4-39
Economic Conditions																			4-40
Alternative D																			4-40
Fire Management																			4-42
Wildlife																			· · ·
Livestock Forage																			4-42
																			4-44
																			4-46
Wilderness																			4-46
Natural History																			4-48
Cultural Resources .																			4-48
Recreation																			4-48
Soils																			4-50
Minerals and Energy																			4-50
Economic Conditions																			4-51
Sub-Alternative D - No G																			4-53
Fire Management																			4-53
Wildlife																			4-53
Livestock Forage																			4-55
Lands																			4-56
Wilderness																			4-56
Natural History																			4-56
Cultural Resources .																			4-57
Recreation																			4-57
Soils																			4-57
Minerals and Energy																			4-57
Economic Conditions																			4-57
Adverse Effects Which Cannot	Вe	Αv	oid	led															4-59
Wildlife																			4-59
Livestock Forage												Ċ	·						4-59
Grazing Management .																			4-59
Vegetation							-					·	•	•	•	•	Ì	•	4-60
Lands																			4-60
Wilderness																			4-60
Recreation																			4-60
Soils		•	•		•	•	•	•	-	•		•	•	•	•	•	•	•	4-61
Minerals																			4-61
Relationship Between Short-To															•	•	•	•	4-01
the Maintenance and Enhan																			4-61
Irreversible or Irretrievable	. Can	ana Mari	1+**		+e ⊶on	0 - 0 f	D. Fet	Na v		cal	ac (,	•	•	٠	•	4-61
Wildlife																			==
Tivectock Porage	• •	•	•	•		•	•	•	•	•	• •	•	•	•	•	•	•	•	4-62

Lands		 	
Wilderness		 	
Recreation		 	
Soils		 	
Minerals	٠	 	
CHAPTER 5 CONSULTATION AND COORDINATION			
Public Participation		 	
APPENDIX A MONITORING AND EVALUATION PLAN			
Monitoring and Evaluation Plan		 	
APPENDIX B			
FIRE MANAGEMENT			
General Fire Ecology	•	 	
Fire Ecology Zones			
Zone 1			
Zone 1A			
Zone 2			
Zone 3			
Zone 4			
Zone 5 , ,			
Zone 6 ,			
Standard Operating Procedures	•	 	
General Fire Suppression Methods	•	 	• •
APPENDIX C			
WILDLIFE			
Methodology	• (
Bald Eagle		 	
Bliss Rapids Snail			
Ferruginous Hawk and Swainson's Hawk			
Burrowing Owl			
Shoshone Sculpin			
Method for Calculating Effects on Wildlife Numbers .			
Ring-Necked Pheasant and Gray Partridge			
Pronghorn			
Mule Deer , ,			
Non-Game			
Sage Grouse	• (
Hybrid Cutthroat/Rainbow Trout		 	

Isolated Tracts									•	C-4
Criteria for Selecting Isolated Tracts for W	/i1d1	fe	(L1)	L)						
From Agricultural Entry (T2) Areas			•		•					C-4
Criteria										C-5
APPENDIX D										
LIVESTOCK FOR	LAGE									
Implementation										
Implementation		• •	• •	-	٠		•	•	•	D-1
Selective Management	• :	• •	• •	-	٠		•	•	•	D-1
Implementing Changes in Allotment Manage	ment		•	•	٠	• •	-	٠	•	D-2
Livestock Use Adjustments				•	٠		•	•	•	D-2
Range Improvements and Treatments .		• •		•	٠		•	•	-	D-2
Grazing Systems		• •		•	•	٠.	٠		•	D-3
Conversions		• •		•	•		•	•	•	D-3
Future Livestock Use Adjustments		• •		•	•		•		•	D-4
Range Improvements				•	•		•			D-4
Structural Improvements										D-5
Fences										D-5
Cattleguards										D-5
Wells										D-5
Pipelines and Troughs										D-6
Nonstructural Improvements										D-6
Prescribed Fire										D-6
Plowing, Disking, and Seeding										D-7
Chemical Control of Vegetation										D-7
Cost Effectiveness of Range Improvements									-	D-7
Maintenance of Range Improvements										D-7
Grazing Systems										D-8
Rest-Rotation Grazing										D-8
Modified Rest-Rotation Grazing										D-8
Deferred Rotation Grazing										D-8
Deferred Grazing							_			D-8
Seasonal Grazing							_			D-9
Methodology Used in the Vegetative Inventory							_			D-9
Classification				•	•		-	•	•	D-9
Ecological Condition				•	•	•	•	•		D-10
Range Trend					•	• •	٠	•		D-10
Projecting Ecological Condition and Trend .	• •	• •	• •	•	•	• •	•	•	•	D-10
Determining the Proposed Stocking Rate	• •	• •		•	•	• •	•	•	•	D-10 D-11
Alternative A	• •	•		•	•	• •	•	•	•	D-11 D-11
Alternatives B and C	• •	• •	• •	•	•		•	•	•	D-11
Downward Adjustments										D-11 D-12
Upward Adjustments										D-12 D-13
Alternative D										
WINGUIAD D				•	•		•	- ,	•	D-13

APPENDIX E LANDS

Standard Operating Procedures	K-1
Withdrawals	R-1
Transfers	B-1
Agricultural	B-2
Exchanges	E-3
Sales	B-3
Land Use Authorizations	E-3
Unauthorized Use	B-3 B-4
	D-4
APPENDIX F	
DETAILED DISCUSSION OF AREAS BEING STUDIED FOR WILDERNESS	
Introduction and Planning Criteria	F-1
Purpose and Need	F-1
Location	F-2
Planning Criteria and Quality Standards	F-2
Criterion 1 - Evaluation of Wilderness Values	F-2
Criterion 2 - Manageability	F-3
Quality Standards for Analysis and Documentation	F-3
Alternatives, Including the Proposed Action	F-5
Formulation of Alternatives	F-5
Alternatives Eliminated from Detailed Study	F-5
Alternatives Considered in Detail	F-6
Alternative A	F-6
Alternative B	r-0 F-7
Alternative C	F-9
Alternative D	F-10
Selection of the Preferred Alternative	
Rationale	F-11 F-11
Affected Environment	
Shale Butte Wilderness Study Area (WSA 57-2)	F-15
Evaluation of Wilderness Values	F-15
Manageability	F-15
Sand Butte Wilderness Study Area (WSA 57-8)	F-21
Evaluation of Wilderness Values	F-21
Managoshilita	F-21
Manageability	F-26
Raven's Eye Wilderness Study Area (WSA 57-10)	F-26
Evaluation of Wilderness Values	F-26
Manageability	F-32
Little Deer Wilderness Study Area (WSA 57-11)	F-32
Evaluation of Wilderness Values	F-32
Manageability	F-36
Bear Den Butte Wilderness Study Area (WSA 57-14)	F-37
Evaluation of Wilderness Values	F-37
Manageability	F-40
Shoshone Wilderness Study Area (WSA 59-7)	F-41
Evaluation of Wilderness Values	F-41
Manageability	F-43

APP	ENL)TX	G
REC	REA	TI	ON

Methodology		•		•									•	• '	 	•	G-1
APPENDIX H CULTURAL RESOURCES																	
Standard Operating Procedures													-		 	I	H-1
APPENDIX I SOILS																	
Soil Erosion Calculation Wind Erosion Equation Musgrave Equation - Water Existing Erosion Rates Changes in Erosion Rates . Soils Map and Table									•						 		I-1 I-1 I-1 I-2 I-2 I-3
R	CONO	APP			-	'ON	2										
List of Assumptions									-		-	-			 	•	J-1
GLOSSARY																	
REFERENCES																	
INDEX																	

LIST OF TABLES

Table		Page
No.	<u>Title</u>	No
Chapte	er 2	
2-1	Summary of Issues Addressed in Each Alternative	2-55
2-2	Comparison of Multiple Use and Transfer Areas	2-65
2-3	Comparative Summary of Cumulative Effects	2-66
	oumperson beaming of bandracity Brigger	2-00
Chapte		
3-1	Basic Ranch Group Characteristics	3-36
3-2	Ranch Budget Summary	3-37
Chapte	er_4	
4-1	Livestock Income and Employment Changes Alternative A	4-12
4-2	Livestock Income and Employment Changes Alternative B	4-26
4-3	Livestock Income and Employment Changes Alternative C	4-40
4-4	Livestock Income and Employment Changes Alternative D ,	4-51
. ,		4-01
Chapte	<u>r 5</u>	
5-1	List of Preparers	5-9
Append	lix B	
B-1	Summary of Effects on Major Plant Species	
2 .	businary of birects on najor frant species	B -6
Append	<u>lix D</u>	
D-1	Summary of Allotment Condition and Authorized Use	D-15
D-2	Plant Species Commonly Occurring in Present Vegetation Types .	D-20
D-3	Livestock Forage by Allotment for Each Alternative	D-22
Append	ir F	
F-1	Wilderness Study Areas in Monument Planning Area	
F-2	Wilderness Alternatives	F-1
F-3		₽-5
r-3	Summary of Rationale for the Selection of the Preferred Alternative	F-12
F-4	Great Basin Province - Sagebrush Steppe Ecosystem	F-12
• 7	Representation	F-19
F-5	Proximity to Population Centers	
F-6	Great Basin Province - Desert Ecosystem Representation	F-20
F-7	Great Basin Frowince - Desert Ecosystem Representation	F-25
F-/	Wilderness Quality Standard Summary	F-44
Append		
I-1	Soil Potentials	I- 4
Append	ix J	
J-1	Summary Table by Crop and Weighted Values	J-2
J-2	Farm Budget	J-3
J -3	Detailed Comparison of Effects of the Alternatives	J-5
		u-,

LIST OF MAPS

Map	
Number	<u>Title</u>
1	Land Status
2	Alternative A
3	Alternative B
4	Alternative C
5	Alternative D
6	Fire Ecology
7	Wildlife
8	Cultural Resources, Areas of Geologic Interest, and Isolated Tracts
9	Grazing Allotments and Observed Apparent Trend
10	Ecological and Seeded Condition
11	Present Vegetation
12	Lands and Agricultural Suitability
13	Wilderness and Recreation
14	General Soils
15	Minerals and Kimama Pronghorn Winter Range HMP
16	Proposed Range Developments
17	Ecosystems
18	MSA
19	Geographic Distribution
19	Geographic practipacion
F1	Shale Butte WSA (57-2)
F2	Sand Butte WSA (57-8)
F3	Raven's Eye WSA (57-10)
F4	Little Deer WSA (57-11)
F5	Bear Den Butte WSA (57-14)
F6	Shoshone WSA (59-7)
F7	Raven's Eye WSA (57-10) Partial
F8	Little Deer WSA (57-11) Partial

NOTE: Maps 1 through 19 are fold-out maps at the back of this document. Maps F1 through F8 are located at the back of Appendix F.